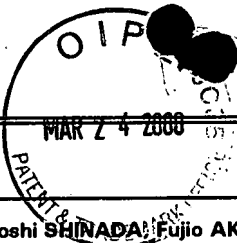


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FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO. 09/484,458	DOCKET NO. Q57519
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Satoshi SHINADA, Fujio AKAHANE, Minoru USUI, Takao KOBAYASHI and Makoto MATSUZAKI	
		FILING DATE January 18, 2000	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
By 1/5	W	2594912	3/19/90	JP	B41J	2/175	Abstract
	W	6-155758	06/03/94	JP	B41J	2/175	Abstract
	W	6-126981	05/10/94	JP	B41J	2/175	Abstract
	W	8-132635	05/28/96	JP	B41J	2/175	Abstract
	W	3-67657	03/22/91	JP	B41J	2/175	Abstract

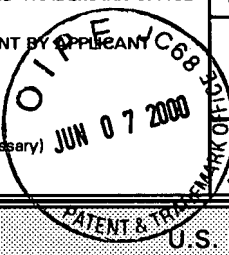
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

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W. Stewart

DATE CONSIDERED 11/6/01

FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO. 09/484,458	DOCKET NO. Q57519
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GROUP			



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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
NS	6,017,118	01/25/00	GASVODA et al	347	86		

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO		

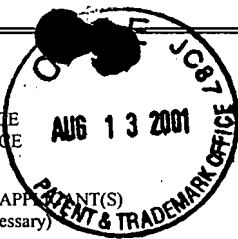
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)			

EXAMINER <i>CCW Stenmark</i>	DATE CONSIDERED 11/6/01
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524941/0005

APPLICATION NO.

09/484,458

APPLICANT

Satoshi Shinada, et al.

FILING DATE

January 18, 2000

GROUP

2872

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
hs	4,629,164	12/1986	Sommerville	239	69	-
hs	4,961,088	10/1990	Gilliland et al.	355	206	-
hs	5,049,898	9/1991	Arthur et al.	346	1.1	-
hs	5,137,379	8/1992	Ukai et al.	400	121	-
hs	5,138,344	8/1992	Ujita	346	140R	-
hs	5,414,452	5/95	Accatino et al.	347	7	-
hs	5,491,540	2/1996	Hirst	355	200	-
hs	5,506,611	4/1996	Ujita et al.	347	86	-

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
62-184856	8/1987	Japan	-	-	Yes
2594912	8/1987	Japan	-	-	Yes
2-99333	4/1990	Japan	-	-	Abst.
0 412 459	2/1991	EPO	-	-	Engl. Orig.
4-247955	9/1992	Japan	-	-	Abst.

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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2872

U.S. PATENT DOCUMENTS

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LS	5,528,269	6/1996	Drogo et al.	347	19	—
LS	5,610,635	3/1997	Murray et al.	347	7	—
LS	5,646,660	7/1997	Murray	347	59	—
LS	5,699,091	12/1997	Bullock et al.	347	19	—
LS	5,788,388	8/1998	Cowger et al.	400	703	—
LS	5,812,156	9/1998	Bullock et al.	347	19	—
LS	5,835,817	11/1998	Bullock et al.	399	25	—
LS	5,949,459	9/1999	Gasvoda et al.	347	86	—

FOREIGN PATENT DOCUMENTS


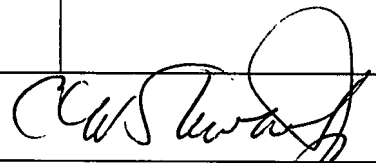
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LS	5-229137	9/1993	Japan	—	—	Abst.
LS	7-232439	9/1995	Japan	—	—	Abst.
LS	9-174879	7/1997	Japan	—	—	Abst.
LS	10-146680	6/1998	Japan	—	—	Abst.
LS	10-151882	6/1998	Japan	—	—	Abst.

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

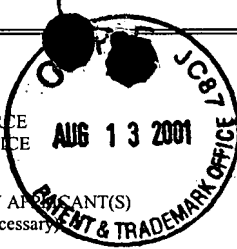
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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. 524941/0005		APPLICATION NO. 09/484,458	
				APPLICANT Satoshi Shinada, et al.			
				FILING DATE January 18, 2000		GROUP 2872	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
ts	5,975,677	11/1999	Marler et al.	347	40		
ws	6,019,461	2/2000	Yoshimura et al.	347	86	5/1996	
ts	6,039,430	3/2000	Helterline et al.	347	19	9/1998	
ts	6,065,824	5/2000	Bullock et al.	347	19	10/1997	
ts	6,074,042	6/2000	Gasvoda et al.	347	50	6/1997	
ts	6,109,723	8/2000	Castle et al.	347	19	3/1998	
ts	6,126,265	10/2000	Childers et al.	347	23	7/1997	
ts	6,168,262	1/2001	Clark et al.	347	50	6/1997	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT	
ts	10-151883	6/1998	Japan	-	-	Abst.	
ts	0 940 260	9/1999	EPO	-	-	Engl. Orig.	
ts	99/65695	12/1999	WIPO	-	-	Engl. Orig.	
ts	0 963 847	12/1999	EPO	-	-	Engl. Orig.	
ts	0 997 297	5/2000	EPO	-	-	Engl. Orig.	
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
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09/484,458

APPLICANT

Satoshi Shinada, et al.

FILING DATE

January 18, 2000

GROUP

2872

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LS	6,170,940	1/2001	Shinada et al.	347	86	6/1998
LS	D365,596	12/1995	Miyazawa et al.	D18	56	—
LS	D369,383	4/1996	Miyazawa et al.	D18	56	—

FOREIGN PATENT DOCUMENTS

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APPLICANT

Satoshi Shinada, et al.

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GROUP

2853

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
ws	0 440 261	8/1991	EPO	—	—	Engl. Orig.
bs	0 839 660	5/1998	EPO	—	—	Engl. Orig.

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